

In the Specification:

Please replace the title with the following rewritten title:

a1
ROTATION CONTROL METHOD AND STORAGE APPARATUS
METHOD OF CONTROLLING ROTATION OF OPTICAL RECORDING
MEDIUM AT TWO OR MORE ROTATIONAL SPEEDS, AND STORAGE
APPARATUS EMPLOYING SAME METHOD

Please replace the paragraph beginning on page 3, line 22 as follows:

a2
But when the rotational speed of the optical disk is ~~increase~~ increased, it becomes necessary to increase an emission power of a laser diode which is used as a light source when carrying out a recording or erasure. In other words, the formation of a recording bit depends on an energy product of the irradiating laser light ((irradiation time) x (irradiation power)), and the linear velocity increases and the irradiation time decreases as the rotational speed increases. For this reason, in order to maintain the same energy product, it is necessary to increase the irradiation power.

Please replace the paragraph beginning on page 4, line 17 as follows:

a3
In addition, when the optical disk is rotated at the high rotational speed, the effects caused by warp and surface undulations of the optical disk and eccentricity of the optical disk become larger by the amount of increase in the rotational speed. In other words, an acceleration in a focus direction caused by the surface undulations of the disk, and

acceleration in a track direction caused by the eccentricity of the optical disk respectively become larger as the rotational speed becomes higher. Consequently, it becomes difficult to stably maintain a focus servo state and a tracking servo state, and the focus and tracking servos become unstable and easily slip out of a locked state.
